

In the Claims

1.-69. (Cancelled)

70. (Currently Amended) A process for treating fibroses comprising administering a therapeutically effective amount of a pharmaceutical composition comprising at least one biocompatible polymer having the general formula (I):



wherein:

A is a glucose monomer;

X is -CH₂-COOH or -CH₂-COONa⁺;

Y is SO₃⁻;

Z is phenylalanine or tyrosine;

_x represents the number of monomers A such that the mass of said polymers of formula (I) is greater than approximately 5,000 Da;

_x represents the substitution rate of the monomers A by the group X, and _x is 19.8% when Z is Phe and 19.8% when Z is Tyr,

_y represents the substitution rate of the monomers A by the group Y, and _y is 56.2% when Z is Phe and 65.9% when Z is Tyr, and

_z represents the substitution rate of the monomers A by the group Y, and _z is 17.9% when Z is Phe and 28.9% when Z is Tyr.